

# Converting Colors

Hex(5A715A)

Have a look what the booklet for  
Hex(5A715A) contains.

<b>Hex(5A715A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5A715A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A715A
RGB	90, 113, 90
RGB Percent	35%, 44%, 35%
CMY	0.6471, 0.5569, 0.6471
CMYK	0.20, 0.00, 0.20, 0.56
HSL	120°, 11%, 40%
HSV	120°, 20%, 44%
XYZ	11.9670, 14.7221, 11.8838
YIQ	103.5010, -6.3250, -12.0290

# Conversions

## Conversions Part 2

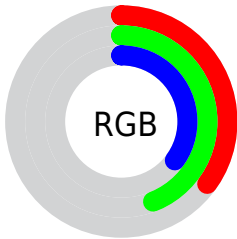
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 113, 113
Decimal	5927258
CIE <sub>Lab</sub>	45.25, -13.41, 10.03
CIE <sub>LCh</sub>	45, 16.745, 143.216
Yxy	14.7221, 0.3102, 0.3817
Android (android.graphics.Color)	4284117338 (0xFF5A715A)
YUV	103.5010, -6.6560, -11.8404
Hunter-Lab	38.3694, -11.4740, 8.4953

# Details

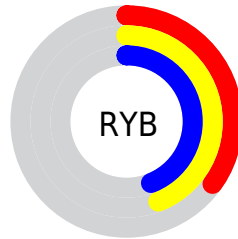
The Hex color **5A715A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **715A71**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8CA58C**, and **2C412C** is the 20% darker color. If you saturate the color by 10%, you get **4F714F**, and if you desaturate by 10%, it is **657165**.

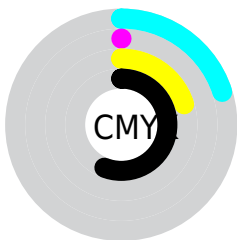
# Distribution



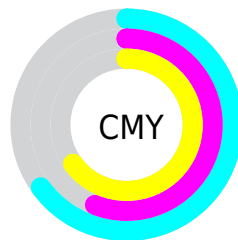
- Red (35%)
- Green (44%)
- Blue (35%)



- Red (35%)
- Yellow (44%)
- Blue (44%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (56%)



- Cyan (65%)
- Magenta (56%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A715A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5A715A by changing the saturation by 10% instead.





5A715A



5A715A

FFFFFF



425843



8CA58C



2C412C



A7C0A6



162B18



C2DCC2



001700



DEF8DE



000000



FBFFFA



5A715A



5A715A



4F714F



657165



437143



717171

■ 387138

■ 7C717C

■ 2D712D

■ 877187

■ 227122

■ 937193

■ 167116

■ 9E719E

■ 0B710B

■ A971A9

■ 007100

■ B471B4

■ C071C0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6A6E51



5A715A



4B7367

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5A715A



566D86



886261

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5A715A



715A71

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85616F



5A715A



696985

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5A715A



477181



7A647C



836555

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5A715A



457371



7A647C



886165



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5A715A



8B948B



71715A



454A45



C9C9C9



4A4A4A



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5A715A



709470



5A7166



323832



007800



00F700



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



715A71



947094



715A66



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 5A715A looks on a white background.

## Color Contrast Check

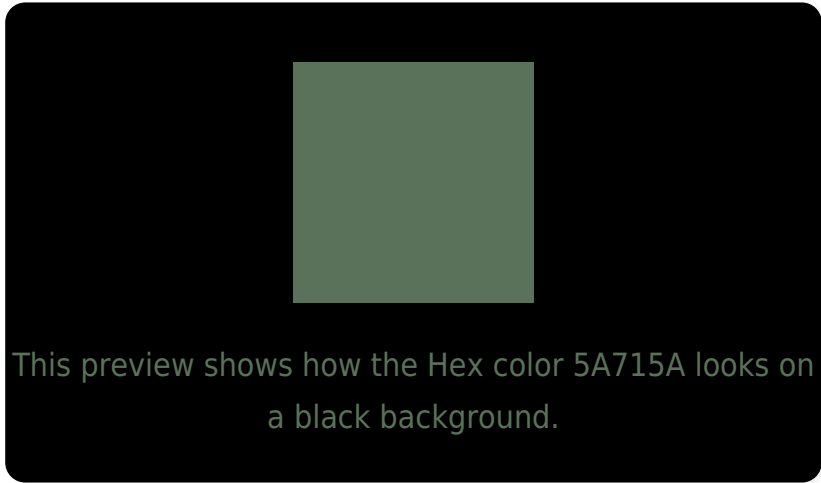
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

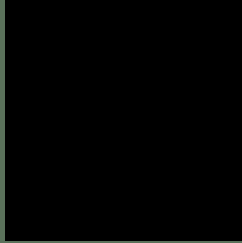
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

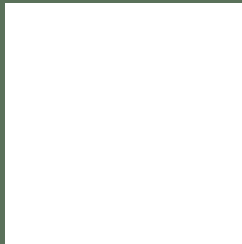
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A715A Background



This preview shows how black text looks on a background with the Hex color 5A715A.



This preview shows how white text looks on a background with the Hex color 5A715A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
5A715A

**Protanopia**  
716B57

**Deuteranopia**  
7A675C



**Tritanopia**  
5F6D76

# Trichromacy



**Original Color**  
5A715A

**Protanomaly**  
696D58

**Deuteranomaly**  
6E6B5B

**Tritanomaly**  
5D6E6C

# Monochromacy



**Original Color**  
5A715A

**Achromatopsia**  
686868

**Achromatomaly**  
636B63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A715A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5A715A looks like.

```
.text, #text, p{  
    color:#5A715A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5A715A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A715A
}
```

## Border

The CSS property to change the border of an element to Hex 5A715A is called "border". The border property can be set on classes, ids or directly on the HTML element.

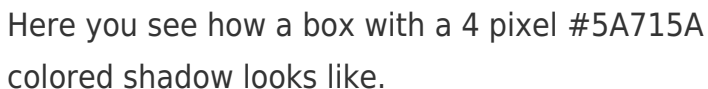
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A715A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5A715A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #5A715A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A715A; -webkit-box-shadow:4px 4px  
4px 4px #5A715A; box-shadow:4px 4px 4px  
4px #5A715A }
```

# Background

The CSS property to change the background color of an element to Hex 5A715A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A715A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5A715A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor